DARWIN SEDIMENT CARTRIDGES

DARWIN Sediment Cartridges are manufactured from 100% pure polypropylene and are designed for purity and will not impart taste, odour or colour to the liquid being filtered. Additionally, the polypropylene construction provides superior chemical resistance and is not prone to bacterial attack.

The cartridges' advanced design combines selective final filtration with appropriate pre-filtration to achieve up to three times the dirt holding capacity of similar size sediment cartridges and even greater capacity than standard spun or string-wound cartridges.

The larger diameter of the filter reduces the particle load, allowing it to operate at higher velocities. The effective filter depth is increased to a full 233%, providing very high particulate reduction efficiencies and added loading capacity.

The design and performance characteristics of the DGD Series Cartridges make them an excellent choice for all residential, rural, municipal and commercial applications.

DETAILED SPECIFICATIONS SEDIMENT CARTRIDGE:

Model	DWWAT001DGD
Part number	155359-43
Maximum dimensions (mm)	114 x 251
Rating (nominal)*	1 micron
Initial ΔP (PSI) @ Flow Rate (GPM)	< 1.0psi @ 10 gpm (<0.1 bar @ 38 Lpm)
Filter Media	Polypropylene
Temperature Rating	4.4-62.8°C

*Based on manufacturer's internal testing
WARNING: Do not use with microbiologically unsafe or of unknown quality water without adequate disinfection before or after the system.

NSF COMPONENT

The DFX Series Diamond Flow cartridges are Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

DARWIN GRANULAR ACTIVATED CARBON CARTRIDGES

DARWIN Granular Activated Carbon Cartridges are constructed with a 70-micron porous polyethylene outer shell and durable polypropylene endcaps.

The 2-3⁄4" outer diameter cartridges have a polypropylene core and the 4-1⁄2" outer diameter cartridges incorporate a spun polypropylene core. Sandwiched between the outer shell and the core is a bed of granular activated carbon (GAC).

The unique radial flow design offers the benefits of granular activated carbon (GAC) filtration, such as low pressure drop, while at the same time significantly reducing the release of carbon fines commonly associated with GAC-style cartridges.

DARWIN Granular Activated Carbon Cartridges are available in a wide variety of sizes and are ideal for point-of-entry (POE) and other high flow rate applications.

DETAILED SPECIFICATIONS GAC CARTRIDGE:

Model	DWWAT001RFC
Part number	155141-43
Maximum dimensions (mm)	114 x 248
Chlorine taste & odour reduction @ flow rate (GPM)	>50,000 gallons @ 2 gpm (189,270 L @ 7.6 Lpm)
Initial ΔP (PSI) @ Flow Rate (GPM)	0.90 psi @ 2 gpm (0.06 bar @ 7.6 Lpm)
Filter Media	Granular activated carbon
Outer Shell	Polyethylene
Endcaps	Polypropylene
Core	Polypropylene
Gaskets	Buna-N
Temperature Rating	4.4-51.7°C

*Based on manufacturer's internal testing

NSF COMPONENT

The DFX Series Diamond Flow cartridges are Tested and Certified by NSF International to NSF/ANSI Standard 42 for material requirements only.

DARWIN KDF CARTRIDGES

DARWIN KDF Cartridges are enhanced with KDF media to inhibit scale buildup in the filter that can decrease product life.

These cartridges are constructed of high performance granular activated coconut shell carbon and a 5-micron spun bonded polypropylene post sediment element for increased dirt holding capacity. They are effective for chlorine taste and odour reduction in high capacity situations and where lime and scale buildup problems occur.

DETAILED SPECIFICATIONS KDF CARTRIDGE:

Model	DWWAT001DBC
Part number	255748-43
Maximum dimensions (mm)	114 x 250
Rating (nominal)*	5 micron
Initial ΔP (PSI) @ Flow Rate (GPM)	6 psi @ 2.0 gpm (0.41 bar @ 7.6 Lpm)
Filter Media	Coconut shell carbon
Temperature Rating	4.4-51.7°C
Maximum pressure	125 psi

*Based on manufacturer's internal testing